



IRLAM URBAN DISTRICT.



ANNUAL REPORT



OF THE

Medical Officer of Health,

For the Year ending,

December 31st, 1914.

ISSUED BY THE

Irlam Urban District Council.

1915.

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ANNUAL REPORT

— OF THE —

Medical Officer of Health,

For the year ended December 31st, 1914.

To the Chairman and Members of the Irlam
Urban District Council.

GENTLEMEN,

I have the honour to submit to you my Annual Report on the health and mortality of the District during the year 1914.

POPULATION. The estimated population of the district is 8,000, as compared with an estimate of 7,000 for the previous year. The population taken at the census, 1911, was 6,309.

AREA. The district extends over an area of 4,634 acres. The density per acre is 1·09 persons.

BIRTHS AND DEATHS. The number of births was 234 (123 males and 111 females), which is equivalent to a birth-rate of 29·25. One of these births occurred outside the District.

The number of deaths registered in the district in 1914 was 87 ; 14 residents died out of the district and 5 deaths occurring in the district were transferable. Total deaths, 96. The death-rate is 12 per 1,000 of the estimated population. Particulars of the causes of death and the ages at which they occurred will be found in Table III.

For 1913 the birth-rate was 24 and the death-rate 15, and for 1914 the rates were 29·25 and 12 respectively.

INFECTIOUS DISEASE 69 cases of infectious disease have been notified during the past year against 56 for 1913.

			1914	1913
Diphtheria	...	...	18	8
Erysipelas	...	...	18	15
Scarlet Fever	...	...	13	8
Enteric Fever	..	...	2	2
Continued Fever	...	...	—	1
Puerperal Fever	...	...	3	2
Ophthalmia Neonatorum	...	...	2	—
Pulmonary Tuberculosis	...	...	5	11
Other forms of Tuberculosis	...	...	8	9
			—	—
			69	56

Particulars of these have been given in the monthly reports and a tabulated list of the various

diseases and the ages at which they occurred will be found in Table II.

One case of infectious disease (Scarlet Fever) was removed to the Ladywell Sanatorium, Salford.

Nine deaths occurred from these notifiable diseases :—1 Diphtheria, 1 Enteric Fever, 4 Pulmonary Tuberculosis, and 3 Non-Pulmonary Tuberculosis.

DIPHTHERIA. Of the 18 cases of this disease 1 case occurred in January, 1 in February, 4 in March, 3 in April, 2 in May, 3 in July, 2 in August, 1 in October, and 1 in November. One death.

ERYSIPELAS. The 18 cases of this disease occurred as follows :—1 in January, 1 in February, 3 in March, 3 in April, 2 in May, 3 in July, 1 in August, 2 in October and 2 in December.

SCARLET FEVER. Of the 13 cases 2 were notified in April, 1 in May, 3 in June, 3 in July, 2 in August, and 2 in December.

ENTERIC FEVER. Two cases in November. One death.

PUERPERAL FEVER. Two cases were notified in April and 1 in October.

OPHTHALMIA NEONATORUM. One case occurred in April and 1 in May.

PULMONARY TUBERCULOSIS. One case occurred in March, 1 in May, 1 in June, and 2 in September. Two deaths.

OTHER FORMS OF TUBERCULOSIS. Of the 8 cases 1 occurred in January, 1 in March, 1 in May, 1 in June, 1 in July, 2 in August, and 1 in November. Three deaths.

There was no epidemic of infectious disease and the cases were well spread over the district.

MEASLES. Not prevalent at any period of the year. There was no epidemic.

WHOOPING COUGH. Scattered cases occurred at various times but there was no epidemic.

ZYMOTIC, RESPIRATORY, AND TUBERCULOSIS DEATH RATE FOR 1914.

Zymotic Diseases	...	...	·75
Respiratory Diseases	..	...	1·62
Pulmonary Tuberculosis		...	·5
Other forms of Tuberculosis		...	·37

INFANT DEATHS There were 24 deaths in children under one year old against 21 for 1913. The death-rate per 1,000 births was 102·5 for 1914 against 127 per 1,000 births for 1913.

THE HOUSING OF THE WORKING CLASSES.
Six hundred and fifty six houses in Irlam Ward
were inspected. Of those :

455 houses have five or more rooms each.

198 „ „ four rooms each.

— „ „ three „

3 „ „ two „

— „ „ one room each.

Of the 656 houses inspected 535 defects were
recorded in 277 houses.

The defects summarised were as follow :

New ashbins required	..	..	22
Privies require whitewashing	..	..	26
Privy roofs defective	..	..	9
Privy doors defective	..	..	18
New riser to privy seat	..	..	1
Dish paving to gullies defective	..	..	18
Defective drains	..	..	2
New gullies required	..	..	4
New sink waste	..	..	29
Defective flush pipe	..	..	2
Defective vent pipe	..	..	1
Repair W.C. seat	..	..	2
W.C. blocked	..	..	1
New Grids to gullies	..	..	18
Gullies require cleansing	..	..	8

Carried forward 161

Brought forward	161
New bath waste required ..	5
New W.C. required	4
Defective eaves gutters	23
No yard paving	18
Repair yard paving	53
Defective W.C. cisterns	8
Defective R.W. pipe	17
Broken floors	41
Defective roofs	40
Defective plastering	26
Brickwork requires pointing ..	33
Windows require easing, new cords, etc.	38
Rebuild yard walls	3
Wash houses require whitewashing	4
Raise scullery floor	1
Damp walls	10
Repair doors	5
Repair brickwork	10
Dry rot in window linings ..	1
Window broken	1
Whitewash ceiling	2
Repair steps to cellar in yard ..	9
Point round door and window frames	1
Defective stairs	2
Houses unfit for habitation ..	1
Water supply pipe leaks	1
Carried forward	518

	Brought forward	518
Gas pipe leaks		4
Insufficient closet accommodation ..		7
Houses which require decorating ..		1
Fowls kept in yard so as to be a nuisance		2
Defective soil pipes		2
Bath and lavatory wastes discharge on kitchen bay and overflow eaves gutter		1
	Total	<hr/> 535

The owners have been acquainted with the defects and most of the repairs are completed or in hand.

NUISANCES of which the following is a summary have been abated :

Poultry in yard	1
Blocked drains	21
Leaking privies	3
Leaking drains	5
Accumulation of manure or refuse ..	2
Leaking flush pipe	3
Defective ashbins	9
Defective water closet	1

INHABITED HOUSES. The number of inhabited houses at the census, 1911 was 1,416. Sixty-five houses and 15 houses and shops were

built during 1914, and the number of inhabited houses is now 1,673. The Council are erecting 154 houses and it is not probable that these houses when occupied will be sufficient to relieve the overcrowding. This is caused by an influx of workers engaged at the new Steel Works, and will become more acute when the new Margarine Factory for the Co-operative Wholesale Society and other works now in course of erection are completed. There are many cases of two, and in some, three families living in one house, whilst a considerable number of workmen are living in adjoining districts.

WATER SUPPLY. The district is generally supplied with water by the Manchester Corporation which has been satisfactory both as regards quality and quantity. A very few outlying farms are supplied from wells and eleven houses on Glazebury Moss by the Warrington Corporation.

FACTORIES AND WORKSHOPS.—There are 16 factories on the register. These have been visited periodically and found satisfactory.

There are 16 workshops in the district (excluding 8 retail bakehouses). No matters were referred to by H.M. Inspector of Factories as remediable under the Public Health Acts but not under the Factory and Workshops' Act.

There were three outworkers on the register in

March, 1914, and four in September, 1914. Their homes are clean and otherwise satisfactory.

LIST OF REGISTERED WORKSHOPS:—

Retail bakehouses	...	8
Boot and shoe repairers	...	5
Cycle repairer	...	1
Plumber	...	1
Blacksmiths	...	3
Dressmakers	...	2
Tailors	...	2
Saddler	...	1
Joiner	...	1
<hr/>		
Total		24

BAKEHOUSES.—There are eight in the district and they are satisfactory as regards lighting, ventilation, cleanliness and drainage.

BUTCHERS' SHOPS, ETC. The butchers' shops, fish shops and other food stores have been visited regularly. No action has been required under Section 117 of the Public Health Act, 1875.

SLAUGHTER HOUSES.—There are three slaughter houses in the district which are seldom, if ever, used. The meat is obtained from Manchester and Salford.

COWSHEDS AND MILK SUPPLY.—These cowsheds are satisfactory. There are 25 cowkeepers.

Nearly all the milk is imported and is of good quality.

SCAVENGING.—The Council commenced on April 1st to remove house refuse with their own horses, carts, and men. Previously the work has been let by contract. Unquestionably this is the most sanitary improvement which has been made in the district.

CLOSET AND HOUSE REFUSE ACCOMMODATION.—Privies to 49 houses and one school have been converted to water closets and the accommodation is now :—

Fresh Water closets	...	1012
Waste water closets	...	52
Pail closets	...	144
Privies	...	782

The Council have made application to the Local Government Board for sanction to borrow money to convert all the pail closets and privies into water closets.

SEWERAGE AND SEWAGE DISPOSAL.—One hundred and eighty three lineal yards of sewer have been laid.

Two samples of effluent from the treatment of sewage have been taken by the Mersey and Irwell

Joint Committee. One of the samples was classed fair and the other bad.

A scheme for the provision of new sewage disposal works is before the Local Government Board.

SMOKE. Nine observations were taken during the year and in no case was the time limit fixed by the Council (3 minutes in half an hour) exceeded.

COMMON LODGING HOUSES. There are no registered common lodging houses in the district.

OBITUARY. Dr. E. O. Jago, who for 20 years has been Medical Officer of Health for the Irlam Urban District Council, resigned his position on December 31st, 1914, and I regret that he died in March, 1915.

This report has been prepared conjointly by Mr. R. H. Winterbottom, inspector of Nuisances, and myself.

I am, Gentlemen,

Your obedient servant,

JOSEPH W. ROBERTS,

Medical Officer of Health.

May 20th, 1915.

TABLE I.—Vital Statistics of Whole District during 1914 and previous Years.

Name of District URBAN DISTRICT OF IRLAND.

Year	Population estimated to middle of each year	Births		Total Deaths Registered in the District		Transferable Deaths		Net Deaths belonging to the District		
		Un-corrected Number	Nett		Number	Rate	of Non-residents registered in the District	of Residents not registered in the District	Under 1 year of age	
			Number	Rate					Number	Rate per 1,000 Births
1	2	3	4	5	6	7	8	9	10	11
1909	6000	154		25	68	11		5	21	136
1910	6200	145		23	57	9		8	13	89
1911	6309	158	161	25.5	79	12.5	2	7	23	143
1912	6500	167	170	26	59	9		12	12	70
1913	7000	165	168	24	91	13	1	14	21	127
1914	8000	233	234	29.25	87	10.9	5	14	24	102.5
			males 125 females 109							102.5
										96
										49 47
										12.00

Area of District in acres (land and inland water) } Total population at all ages ... 6,309 } At Census, 1911
 4,634. } Number of inhabited houses ... 1,416 } (cf. Census,
 Average Number of persons per house ... 4.4 } Vol. V.)

TABLE II.—Cases of Infectious Disease notified during the year 1914.

Name of District ... URBAN DISTRICT OF IRLAM.

NOTIFIABLE DISEASE	NUMBER OF CASES NOTIFIED								Total Cases Notified in each Locality. (e.g. Parish or Ward) of the District.		Total Cases Removed to Hospital	Deaths in Hospital of Patients removed from this District
	At all Ages	At Ages—Years										
		Under 1	1 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards	Irlam	Cadishead		
Small Pox												
Cholera (C) Plague (P)												
Diphtheria (including Membranous Croup)	18		5	8	5				7	11		
Erysipelas	18			2	8	8			9	9		
Scarlet fever	13		7	5		1			6	7	1	
Typhus fever												
Enteric fever	2			1	1					2		
Relapsing fever (R) ...												
Continued fever (C)												
Puerperal fever	3				3				2	1		
Cerebro-spinal Meningitis												
Pulmonary Tuberculosis	5				2		3		2	3	2	2
Other forms of Tuberculosis	8		3	3	2				5	3	2	
Ophthalmia Neonatorum	2	2							1	1		
Totals	69	2	15	19	21	9	3		32	37	5	2

Sanatoria, &c. : The Ladywell Sanatorium, Salford.

TABLE III.—Causes of, and Ages at Death during the Year 1914.

Name of District - URBAN DISTRICT OF IRAM.

CAUSES OF DEATH		Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District								Total Deaths whether of "Residents" or "Non-residents" in Institutions in the District
		ALL AGES	Under 1 year	1 and 2 years	2 and 5 years	5 and 15 yrs	15 and 25 yrs	25 and 45 yrs	45 and 65 yrs		65 and upwards
All Causes { Certified Uncertified		94 2	24 6	5 5	2 2	2 2	17 17	1 1	21 1	
Enteric Fever	...	1								
Small Pox	...	1		1						
Measles	..									
Scarlet Fever	...									
Whooping Cough	...	1	1							
Diphtheria and Croup	...									
Influenza	...									
Erysipelas	...									
Phthisis	...									
(Pulmonary Tuberculosis)	...	4					3	1		
Tuberculous Meningitis	...	2	1				1			
Other Tuberculous Diseases	...	1	1							
Cancer, malignant disease	..	3					1	1	1	
Rheumatic Fever	...									
Meningitis	...	1		1						
Organic Heart Disease	...	8					2	4	2	
Bronchitis	...	6	2	1	1	1			1	
Pneumonia (all forms)	...	9	1	3	1		2	1		
Other diseases of respiratory organs	...									
Diarrhoea and Enteritis	...	2	2							
Appendicitis and Typhlitis	...									
Cirrhosis of Liver	...									
Alcoholism	...	5								
Nephritis and Bright's Disease	...	1					1	3	1	
Puerperal Fever	...						1			
Other accidents and diseases of Pregnancy and Parturition	...									
Congenital Debility and Malformation, including Premature Birth	...	13	13							
Violent Deaths, excluding Suicide	...	4						1		
Suicide	...	2					3			
Other Defined Diseases	...	13	3	1			2	2	7	
Diseases ill-defined or unknown	...	19	1		1	1		5	10	
Totals	...	96	24	6	5	2	17	18	22	Nil
Sub-Entries included in above figures.										
Polio-myelitis	...									
Pneumonia	...	5	1			1	3			
Spina Bifida	...	3								
Tetanus	...	1					1			

TABLE IV.—Infant Mortality, 1914.

Nett Deaths from stated causes at various Ages under 1 Year of Age.

URBAN DISTRICT OF IRLAM

CAUSES OF DEATH.		Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total Deaths under 1 year
All Causes { Certified Uncertified		...	..						
Small-pox	...	..						1			1
Chicken-pox	.	..									
Measles	...	..							
Scarlet fever	...	..							
Whooping-Cough		..									
Diphtheria and Croup		..									
Erysipelas	...	..							
Tuberculous Meningitis		..									
Abdominal Tuberculosis		..									
Other Tuberculous Diseases		..									
Meningitis (not Tuberculous)		..									
Convulsions	...	..	1			1					1
Laryngitis	...	..							
Bronchitis	...	..							
Pneumonia (all forms)		..									
Diarrhoea	...	..							
Enteritis	...	..	1								
Gastritis	...	..							
Syphilis	..	..							
Rickets	...	..							
Suffocation, overlying		..									
Injury at Birth	...	..							
Atelectasis	...	..							
Congenital Malformations	...	4									
Premature birth	..	1									
Atrophy, Debility and Marasmus	..	4									
Other Causes	...	..		1			2	1	1		4
Totals		10	1	1	1	13	2	4	4	1	24

Nett Births in the year {
 legitimate, 232.
 illegitimate, 2.Nett Deaths in the year of {
 legitimate infants, 24.
 illegitimate infants, 0.

